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Susan Bass Levin
Commissioner

Date: **September 2003**

Code Ref. Update: **August 2006**

Subject: **Commercial Kitchen
Exhaust Hoods**

References: **N.J.A.C. 5:23-3.20,
Mechanical Subcode,
Sections 507.2 and 507.2.1**

This Formal Technical Opinion is issued to resolve questions regarding the code requirements for the installation of Type II commercial kitchen exhaust hoods.

The Mechanical Subcode at Section 507.2, entitled "Where required," states: "A Type I or Type II hood shall be installed at or above all commercial food heat-processing appliances." Section 507.2.1 states: "A Type I hood shall be installed at or above all commercial food heat-processing appliances that produce grease vapors or smoke. A Type I or Type II hood shall be installed at or above all commercial food heat-processing appliances that produce fumes, steam, odor, or heat." "Commercial food heat-processing appliances" are defined as "appliances used in a food-processing establishment for heat processing food or utensils, and which produce grease vapors, steam, fumes, smoke, or odors that are required to be removed through a local exhaust ventilation system."

A Type II hood is not required for appliances such as toasters, warming ovens, coffee makers, egg cookers, soup warmers, hot-dog rotisseries, and sandwich warmers. These appliances do not produce the amount of heat or steam that would burden the HVAC systems in a way that would require a local exhaust ventilation system. Under-counter glass washing machines and other under-counter dishwashing appliances do not require a hood. They do not produce the amount of steam that requires a hood. Pizza ovens would require a Type II hood. Pizza ovens produce sufficient heat, but not grease-laden vapors; therefore, a Type I would not be required.

William M. Connolly
Director
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PURSUANT TO THE AUTHORITY OF N.J.S.A. 52:27D-119 ET SEQ., AS AMENDED, THE ABOVE FORMAL TECHNICAL OPINION IS CONSIDERED TO BE BINDING UPON ALL CODE OFFICIALS.

FTO-15

FORMAL TECHNICAL OPINION